

Converting Colors

$Yxy(54.0433, 0.3255, 0.3587)$

Have a look what the booklet for
Yxy(54.0433, 0.3255, 0.3587)
contains.

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Color

Yxy(54.0260, 0.3258, 0.3592)

Conversions

Conversions Part 1

Format	Color
Hex	BFC5AD
RGB	191, 197, 173
RGB Percent	75%, 77%, 68%
CMY	0.2508, 0.2275, 0.3216
CMYK	0.03, 0.00, 0.12, 0.23
HSL	75°, 17%, 73%
HSV	75°, 12%, 77%
XYZ	49.0024, 54.0260, 47.3780
YIQ	192.4700, 4.1280, -8.7360

Conversions

Conversions Part 2

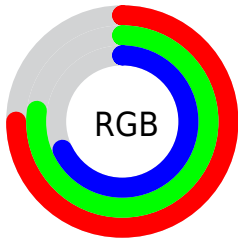
Format	Color
RYB	173, 197, 179
Decimal	12567981
CIELab	78.48, -6.30, 11.34
CIELCh	78, 12.971, 119.074
Yxy	54.0260, 0.3258, 0.3592
Android (android.graphics.Color)	4290758061 (0xFFBFC5AD)
YUV	192.4700, -9.5987, -1.2892
Hunter-Lab	73.5024, -9.6271, 13.2346

Details

The Yxy color **54.0260, 0.3258, 0.3592** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.4941, 0.2986, 0.2979**, and the grayscale version is **53.0613, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2592, 0.3235, 0.3547**, and **26.4287, 0.3294, 0.3664** is the 20% darker color. If you saturate the color by 10%, you get **52.6981, 0.3366, 0.3854**, and if you desaturate by 10%, it is **55.4922, 0.3150, 0.3342**.

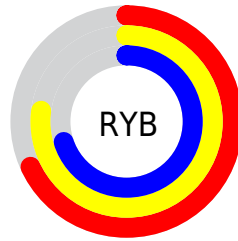
Distribution



Red (75%)

Green (77%)

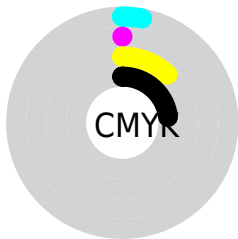
Blue (68%)



Red (68%)

Yellow (77%)

Blue (70%)

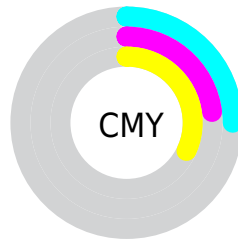


Cyan (3%)

Magenta (0%)

Yellow (12%)

Black (23%)



Cyan (25%)


Magenta (23%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0260, 0.3258, 0.3592 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 54.0260, 0.3258, 0.3592 by changing the saturation by 10% instead.


 54.0260, 0.3258,
0.3592

 54.0260, 0.3258,
0.3592

402.2091, 0.3195,
0.3443

 38.6224, 0.3273,
0.3629

 96.1124, 0.3236,
0.3538

 26.4661, 0.3292,
0.3675


123.5641, 0.3227,
0.3518

 17.1727, 0.3316,
0.3737

155.8006, 0.3220,
0.3501

 10.3577, 0.3348,
0.3822

193.2063, 0.3214,
0.3486

 5.6368, 0.3394,
0.3947

236.1656, 0.3208,
0.3473

 2.6255, 0.3461,
0.4146

285.0629, 0.3203,

 0.9395, 0.3871,

0.3462

0.4927

340.2826, 0.3199,
0.3452

0.0000, 0.0000,
0.0000

54.0260, 0.3258,
0.3592

54.0260, 0.3258,
0.3592

52.6981, 0.3366,
0.3854

55.4922, 0.3150,
0.3342

51.4963, 0.3471,
0.4122

57.0944, 0.3046,
0.3109

50.4175, 0.3568,
0.4389

58.8395, 0.2946,
0.2893

49.4558, 0.3653,
0.4644

60.7318, 0.2852,
0.2696

48.6047, 0.3720,
0.4876

61.6672, 0.2866,
0.2671

■ 47.8570, 0.3764,
0.5074

■ 62.4198, 0.2901,
0.2677

■ 47.2044, 0.3783,
0.5230

■ 63.1948, 0.2936,
0.2683

■ 46.6372, 0.3777,
0.5338

■ 63.9923, 0.2971,
0.2690

■ 46.2390, 0.3759,
0.5397

■ 64.8124, 0.3007,
0.2696

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.0260, 0.3399, 0.3570



54.0260, 0.3258, 0.3592



54.0260, 0.3085, 0.3527

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.0260, 0.3258, 0.3592



54.0260, 0.2799, 0.3094



54.0260, 0.3328, 0.3188

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



54.0260, 0.3258, 0.3592



43.4941, 0.2986, 0.2979

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



54.0260, 0.3163, 0.3069



54.0260, 0.3258, 0.3592



54.0260, 0.2859, 0.3013

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.0260, 0.3258, 0.3592



54.0260, 0.2823, 0.3233



54.0260, 0.2991, 0.3005



54.0260, 0.3441, 0.3334

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.0260, 0.3258, 0.3592



54.0260, 0.2975, 0.3443



54.0260, 0.2991, 0.3005



54.0260, 0.3277, 0.3143

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



54.0284, 0.3258, 0.3592



98.8838, 0.3170, 0.3388



46.9648, 0.3336, 0.3362



21.1213, 0.3179, 0.3407



0.0000, 0.0000, 0.0000



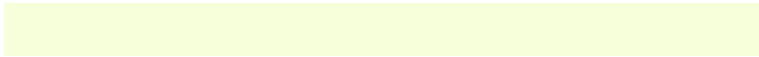
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.0284, 0.3258, 0.3592



96.0221, 0.3291, 0.3671



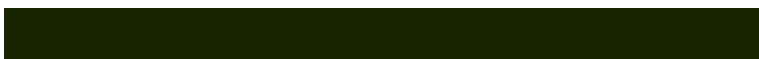
52.5773, 0.3163, 0.3601



12.2795, 0.3228, 0.3521



30.4568, 0.3765, 0.5393



1.4746, 0.3858, 0.5318

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



43.4941, 0.2986, 0.2979



72.9236, 0.2947, 0.2895



44.9406, 0.3086, 0.2988



10.4124, 0.3021, 0.3054



3.1120, 0.1650, 0.0683



0.1827, 0.1875, 0.0806

Previews

White Background



This preview shows how the Yxy color 54.0260, 0.3258, 0.3592 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 54.0260, 0.3258, 0.3592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

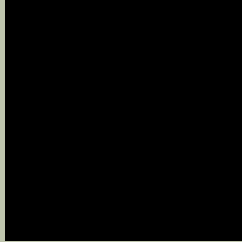
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

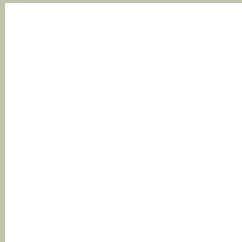
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.0260, 0.3258, 0.3592

Background



This preview shows how black text looks on a background with the Yxy color 54.0260, 0.3258, 0.3592.



This preview shows how white text looks on a background with the Yxy color 54.0260, 0.3258, 0.3592.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

54.0260, 0.3258, 0.3592

Protanopia

53.7767, 0.3380, 0.3560

Deuteranopia

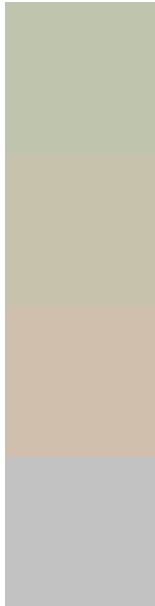
53.8514, 0.3506, 0.3432



Tritanopia

53.9400, 0.3048, 0.3109

Trichromacy



Original Color

54.0260, 0.3258, 0.3592

Protanomaly

53.7042, 0.3336, 0.3563

Deuteranomaly

53.8729, 0.3411, 0.3496

Tritanomaly

53.9930, 0.3120, 0.3278

Monochromacy



Original Color

54.0260, 0.3258, 0.3592

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.2928, 0.3178, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0260, 0.3258, 0.3592 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(191, 197, 173)` looks like.

```
.text, #text, p{  
    color:rgb(191, 197, 173)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(191, 197, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 197, 173) }
```

Border

The CSS property to change the border of an element to Yxy 54.0260, 0.3258, 0.3592 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 197, 173) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(191, 197, 173) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(191, 197, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 197, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 197, 173);  
box-shadow:4px 4px 4px 4px rgb(191, 197,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0260, 0.3258, 0.3592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 197, 173) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(191,  
197, 173) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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